Contents

Beckett, A., s. Butt, T. M. 61,72

Blest, A. D., Price, G. D.: Retinal Mosaics of the Principal Eyes of Some Jumping Spiders (*Salticidae: Araneae*): Adaptations for High Visual Acuity 172

Bonfante-Fasolo, Paola, Vian, Brigitte: Wall Texture in the Spore of a Vesicular-Arbuscular Mycorrhizal Fungus. 51

Borowitzka, M. A., s. Grant, B. R. 155

Boss, W. F., Grimes, H. D., Brightman, A.: Calcium-Induced Fusion of Fusogenic Wild Carrot Protoplasts 209

Brightman, A., s. Boss, W. F. 209

Butt, T. M., Beckett, A.: Ultrastructure and Behaviour of the Spindle Pole Body of the Aphid-Pathogenic Fungus *Erynia neoaphidis* 61

Butt, T. M., Beckett, A.: Ultrastructure of Mitosis in the Aphid-Pathogenic Fungus *Erynia neoaphidis* 72

Downing, M., s. Robinson, A. I. 1

Franceschi, V. R.: Developmental Features of Calcium Oxalate Crystal Sand Deposition in *Beta vulgaris* L. Leaves . . . 216

Fukui, Y., s. Kitanishi, T. 185

Grant, B. R., Borowitzka, M. A.: Changes in Structure of Isolated Chloroplasts of *Codium fragile* and *Caulerpa filiformis* in Response to Osmotic Shock and Detergent Treatment 155

Grimes, H. D., s. Boss, W. F. 209

Hallet, J. N., s. le Gal, M. F. 113

Heath, I. B., s. Murrin, F. 84

Heath, I. B., s. Tanaka, K. 36

Helfrich, R., s. Robinson, A. I. 1

Kitanishi, T., Shibaoka, H., Fukui, Y.: Disruption of Microtubules and Retardation of Development of *Dictyostelium* with Ethyl *N*-Phenylcarbamate and Thiabendazole. 185

Kollöffel, C., Linssen, P. W. T.: The Formation of Intercellular Spaces in the Cotyledons of Developing and Germinating Pea Seeds 12

Le Gal, M. F., Hallet, J. N., Rey, L.: DNA and Protein Content Relationship in the Cells of Mature Cotyledons of *Pisum sativum* 113

Lemoine, A., Mir, L., Wright, M.: Indirect Immunofluorescent Staining of the Microtubules in Interphase and Mitotic Amoebae of the Myxomycete *Physarum polycephalum* . . 43

Linssen, P. W. T., s. Kollöffel, C. 12

Metcalf, T. N., III, Szabo, Leslie J., Schubert, K. R., Wang, J. L.: Ultrastructural and Immunochemical Analyses of the Distribution of Microfilaments in Seedlings and Plants of *Glycine max* 91

Miller, J. H., s. Robinson, A. I. 1

Mir, L., Wright, M., Moisand, A.: Variations in the Number of Centrioles, the Number of Microtubule Organizing Centers I and the Percentage of Mitotic Abnormalities in *Physarum polycephalum* Amoebae. 20

Mir, L., s. Lemoine, A. 43

Moisand, A., s. Mir, L. 20

Murrin, F., Heath, I. B., Newcomb, W.: The Taxonomic Significance of the Mitotic Spindle and Nucleus-Associated Organelle of *Entomophaga aulicae* 84

Newcomb, W., s. Murrin, F. 84

Parker, Mary L.: Cell Wall Storage Polysaccharides in Cotyledons of *Lupinus angustifolius* L. I. Deposition During Seed Development 224

Parker, Mary L.: Cell Wall Storage Polysaccharides in Cotyledons of *Lupinus angustifolius* L. II. Mobilization During Germination and Seedling Development 233

Pickett-Heaps, J. D., Schmid, Anna-Maria M., Tippit, D. H.: Cell Division in Diatoms. 132

Price, G. D., s. Blest, A. D. 172

Rey, L., s. le Gal, M. F. 113

Robinson, A. I., Miller, J. H., Helfrich, R., Downing, M.: Metal-Binding Sites in Germinating Fern Spores (*Onoclea sensibilis*) 1

Sato, S., Sato, M.: Peculiar Behavior of the Nucleolus and Appearance of Cytoplasmic Nucleolus-Like Bodies in the Roottip Meristems of *Brodiaea uniflora* Engl. Grown at Low Temperature 197

Sato, M., s. Sato S. 197

Shibaoka, H., s. Kitanishi, T. 185

Schmid, Anna-Maria M., s. Pickett-Heaps, J. D. 132

Schnepf, E.: Pre- and Postmitotic Reorientation of Microtubule Arrays in Young *Sphagnum* Leaflets: Transitional Stages and Initiation Sites. 100

Schubert, K. R., s. Metcalf III, T. N. 91

Szabo, Leslie J., s. Metcalf III, T. N. 91

Tanaka, Kenji, Heath, I. Brent: The Behaviour of Kinetochore Microtubules During Meiosis in the Fungus *Saprolegnia* . 36

Tippit, D. H., s. Pickett-Heaps, J. D. 132

Ton-That, The Can, Turian, G.: High-Resolution Autoradiography of Nuclear Modifications During and After Heat Treatment of *Neurospora crassa* 165

Turian, G., s. Ton-That, The Can 165

Vermeulen, C. A., Wessels, J. G. H.: Ultrastructural Differences Between Wall Apices of Growing and Non-Growing Hyphae of *Schizophyllum commune* 123

Vian, Brigitte, s. Bonfante-Fasolo, Paola 51

Wang, J. L., s. Metcalf III, T. N. 91

Wessels, J. G. H., s. Vermeulen, C. A. 123

Wright, M., s. Mir, L. 20

Wright, M., s. Lemoine, A. 43

Brief Report

La Claire II, J. W.: Actin Is Present in a Green Alga that Lacks Cytoplasmic Streaming. 242

Listed in Current Contents